



## Freeform Search

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<b>Database:</b>	US Pre-Grant Publication Full-Text Database
	<b>US Patents Full-Text Database</b>
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

<b>Term:</b>	L5 and nanofiltration	 
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<b>Display:</b>	<input type="text" value="10"/>	<b>Documents in Display Format:</b>	<input type="text" value="CIT"/>	<b>Starting with Number</b>	<input type="text" value="1"/>
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**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

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### Search History

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**DATE:** Thursday, September 29, 2005    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

*DB=USPT; PLUR=YES; OP=ADJ*

#### Hit Count Set Name

result set

<u>L6</u>	L5 and nanofiltration	4	<u>L6</u>
<u>L5</u>	L4 and membrane	32	<u>L5</u>
<u>L4</u>	L3 and salt solution	76	<u>L4</u>
<u>L3</u>	regenerating same cation exchange	315	<u>L3</u>
<u>L2</u>	ion exchange and regerating same sodium chloride	0	<u>L2</u>
<u>L1</u>	treating regerant and sodium chloride	0	<u>L1</u>

END OF SEARCH HISTORY

## Freeform Search

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<b>Database:</b>	US Pre-Grant Publication Full-Text Database
	<b>US Patents Full-Text Database</b>
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<b>Term:</b>	L5 and nanofiltration	▲	▼
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#### Hit Count Set Name

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<u>L6</u>	L5 and nanofiltration	4	<u>L6</u>
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<u>L3</u>	regenerating same cation exchange	315	<u>L3</u>
<u>L2</u>	ion exchange and regenerating same sodium chloride	0	<u>L2</u>
<u>L1</u>	treating reagent and sodium chloride	0	<u>L1</u>

END OF SEARCH HISTORY

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("ionexchangeandmembraneandre generating").PN.	USPAT; EPO; DERWENT	OR	OFF	2005/09/29 20:19
L2	0	("membraneandionexchange").PN.	USPAT; EPO; DERWENT	OR	OFF	2005/09/29 20:20
L3	1823	membrane and ion exchange and regenerating	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:20
L4	227	l3 and regenerating same salt.	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:20
L5	44	l4 and reverse osmosis and water	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:21
L6	5	l5 and nanofiltration	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:22
L7	44	l3 and 210/663	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:32
L8	3	l7 and nanofiltration	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:23
L9	0	l7 and soldium choride same ions same reuse	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:24
L10	0	l7 and sodium choride same ions same reuse	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:24
L11	902	210/670	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:33
L12	253	l11 and membrane	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:33
L13	60	l12 and reverse osmosis	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:42
L14	223	210/671	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:42
L15	12	l14 and membrane and salt	USPAT; EPO; DERWENT	AND	ON	2005/09/29 20:43

# Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 6787021 B2

L6: Entry 1 of 4

File: USPT

Sep 7, 2004

US-PAT-NO: 6787021

DOCUMENT-IDENTIFIER: US 6787021 B2

TITLE: Purification of onium hydroxides by electrodialysis

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reiter; Robert J.	Austin	TX		
Hefner; Kelly	Del Valle	TX		

US-CL-CURRENT: 205/746; 204/522, 204/537, 205/688, 205/748

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOW	Draw De
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☐ 2. Document ID: US 6508940 B1

L6: Entry 2 of 4

File: USPT

Jan 21, 2003

US-PAT-NO: 6508940

DOCUMENT-IDENTIFIER: US 6508940 B1

TITLE: Process for recovering onium hydroxides from solutions containing onium compounds

DATE-ISSUED: January 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Niinobe; Takao	Nara Prefecture			JP

US-CL-CURRENT: 210/681; 210/670, 210/685, 252/184

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOW	Draw De
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☐ 3. Document ID: US 5968338 A

L6: Entry 3 of 4

File: USPT

Oct 19, 1999

US-PAT-NO: 5968338

DOCUMENT-IDENTIFIER: US 5968338 A

TITLE: Process for recovering onium hydroxides from solutions containing onium compounds

DATE-ISSUED: October 19, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hulme; David R.	Austin	TX		
Moulton; Roger	Austin	TX		
Wilson; Wilfred W.	Bastrop	TX		
Hellums; Mark	Austin	TX		

US-CL-CURRENT: [205/703](#); [204/522](#), [204/530](#), [204/537](#), [204/541](#), [205/746](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw D
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☐ 4. Document ID: US 5792441 A

L6: Entry 4 of 4

File: USPT

Aug 11, 1998

US-PAT-NO: 5792441

DOCUMENT-IDENTIFIER: US 5792441 A

TITLE: Fixed-resin bed technologies for the treatment of the chlorine dioxide generator effluent and feeds stream

DATE-ISSUED: August 11, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Paleologou; Michael	Pierrefonds			CA
Thompson; Rokhsareh	Pointe Claire			CA
Brown; Craig J.	Pickering			CA
Sheedy; Michael	North York			CA

US-CL-CURRENT: [423/531](#); [210/660](#), [210/670](#), [423/522](#), [423/551](#), [423/DIG.14](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw D
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L5 and nanofiltration

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## Hit List

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### Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 6787021 B2

L6: Entry 1 of 4

File: USPT

Sep 7, 2004

US-PAT-NO: 6787021

DOCUMENT-IDENTIFIER: US 6787021 B2

TITLE: Purification of onium hydroxides by electrodialysis

DATE-ISSUED: September 7, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Hefner; Kelly	Del Valle	TX		

US-CL-CURRENT: 205/746; 204/522, 204/537, 205/688, 205/748

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	COMM	Draw D
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☐ 2. Document ID: US 6508940 B1

L6: Entry 2 of 4

File: USPT

Jan 21, 2003

US-PAT-NO: 6508940

DOCUMENT-IDENTIFIER: US 6508940 B1

TITLE: Process for recovering onium hydroxides from solutions containing onium compounds

DATE-ISSUED: January 21, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Niinobe; Takao	Nara Prefecture			JP

US-CL-CURRENT: 210/681; 210/670, 210/685, 252/184

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	COMM	Draw D
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☐ 3. Document ID: US 5968338 A

L6: Entry 3 of 4

File: USPT

Oct 19, 1999

US-PAT-NO: 5968338

DOCUMENT-IDENTIFIER: US 5968338 A

TITLE: Process for recovering onium hydroxides from solutions containing onium compounds

DATE-ISSUED: October 19, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hulme; David R.	Austin	TX		
Moulton; Roger	Austin	TX		
Wilson; Wilfred W.	Bastrop	TX		
Hellums; Mark	Austin	TX		

US-CL-CURRENT: 205/703; 204/522, 204/530, 204/537, 204/541, 205/746

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw D
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☐ 4. Document ID: US 5792441 A

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Thompson; Rokhsareh	Pointe Claire			CA
Brown; Craig J.	Pickering			CA
Sheedy; Michael	North York			CA

US-CL-CURRENT: 423/531; 210/660, 210/670, 423/522, 423/551, 423/DIG.14

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L5 and nanofiltration

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